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JUN 22 2004  
PATENT & TRADEMARK OFFICE

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
3552-0107PAPPLICATION NO.  
09/831,449APPLICANT  
LUCAS, James et al.FILING DATE  
August 13, 2001GROUP  
1744**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MRC	US 5,320,749	A	1994-06-14	Mullen	210	199	
MRC	US 4,933,602	A	1990-06-12	Ono et al.	315	39	
MRC	US 4,507,587	A	1985-03-26	Wood et al.	315	39	
MRC	US 4,103,167	A	1978-07-25	Ellner	250	432R	
	US						
	US						
	US						
	US						
	US						
	US						

**FOREIGN PATENT DOCUMENTS**

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
MRC	GB 1482950	A	1977-08-17	UNITED KINGDOM				✓
MRC	GB 2307097	A	1997-05-14	UNITED KINGDOM				✓
MRC	GB 2048589	A	1980-12-10	UNITED KINGDOM				✓
MRC	WO 96-11879	A1	1996-04-25	WIPO				✓

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

MRC	"Microwave Transmission Circuits", George L. RAGAN, Office of Scientific Research and Development, National Defense Research Committee, McGraw-Hill Book Company Inc., 1 <sup>st</sup> Edition, page 287, 1948

EXAMINER	DATE CONSIDERED
Morgan Chaplin	09/09/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)								ATTY DOCKET NO. 3552-0107P	APPLICATION NO. NEW 09/83144				
								APPLICANT LUCAS, James et al.					
								FILING DATE May 10, 2001	GROUP UNASSIGNED				
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
MR	3	9	1	1	3	1	8	1975-10-07	URV et al.	315	39		
FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB. CLASS	TRANSLATION	
MR	JP	61	0	4	6	2	9	0	1986-03-06	JP		Absent X	
MR	WO	96	0	9	8	4	2		1996-04-04	WO		X	
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)													
EXAMINER								DATE CONSIDERED					
								09/09/2004					
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